

IN THE CLAIMS:

Please amend claims 1-54; and

Please add claims 55-56, as set forth below.

1. (Currently Amended) A method, ~~of encrypting a first set of data comprising the steps of:~~

generating a second set of data representative of a first set of data; and

encrypting the first set of data using the second set of data.

2. (Currently Amended) ~~A method as claimed in~~ The method of claim 1, wherein ~~the encrypting the first set of data is encrypted by~~ comprises performing a symmetric key based encryption algorithm between the first set of data and the second set of data.

3. (Currently Amended) ~~A method as claimed in~~ The method of claim 1, wherein ~~the encrypting the first set of data is encrypted by~~ comprises performing an exclusive OR operation between the first set of data and the second set of data.

4. (Currently Amended) ~~A method as claimed in~~ The method of claim 1, wherein ~~the encrypting the first set of data~~ comprises encrypting digital data.

5. (Currently Amended) ~~A method as claimed in~~ The method of claim 1, wherein the generating the second set of data comprises generating a reduced version of the first set of data.

6. (Currently Amended) ~~A method as claimed in~~ The method of claim 1, wherein further comprising:

storing an encrypted first set of data ~~is stored~~ at a first node.

7. (Currently Amended) ~~A method as claimed in~~ The method of claim 6, further ~~comprising the step of~~:

storing the second set of data in a memory of a second node.

8. (Currently Amended) ~~A method as claimed in~~ The method of claim 7, further ~~comprising the step of~~:

storing the second set of data at a third node.

9. (Currently Amended) ~~A method as claimed in~~ The method of claim 6, further ~~comprising the steps of~~:

transmitting the encrypted first set of data from the second node to the first node.

10. (Currently Amended) ~~A method as claimed in~~ The method of claim 6, further comprising ~~the step of:~~

storing the encrypted first set of data at a location on said first node.

11. (Currently Amended) ~~A method as claimed in~~ The method of claim 6, further comprising ~~the step of:~~

transmitting address information, of a location at which the first set of data is stored, from said first node to said second node.

12. (Currently Amended) ~~A method as claimed in~~ The method of claim 11, wherein ~~the transmitting the address information of the location at which the encrypted first set of data is stored is~~ comprises transmitting a URL uniform resource locator.

13. (Currently Amended) ~~A method as claimed in~~ The method of claim 8, further comprising ~~the step of:~~

storing the second set of data at a location on said third node.

14. (Currently Amended) ~~A method as claimed in~~ The method of claim 13, further comprising ~~the step of:~~

transmitting address information, of the location at which the second set of data is stored, from said third node to said second node.

15. (Currently Amended) ~~A method as claimed in~~The method of claim 14, wherein ~~the transmitting the address information at which the second set of data is stored~~
~~is~~comprises transmitting a URLuniform resource locator.

16. (Currently Amended) ~~A method as claimed in~~The method of claim 6, further
~~comprising the step of:~~

decrypting the encrypted first set of data using the second set of data.

17. (Currently Amended) ~~A method as claimed in~~The method of claim 6, further
~~comprising the step of:~~

decrypting the encrypted first set of data by performing an exclusive OR operation
between the encrypted first set of data and the second set of data.

18. (Currently Amended) ~~A method as claimed in~~The method of claim 6, further
~~comprising the steps of:~~

~~decrypting the encrypted first set of data and transmitting a request to download~~
the encrypted first set of data to the address of a location at which the encrypted first set
of data is stored; and

decrypting the encrypted first set of data.

19. (Currently Amended) ~~A method as claimed in~~The method of claim 6, further comprising ~~the steps of:~~

~~decrypting the encrypted first set of data and downloading the encrypted set of~~
data from the first node to the second node; and
decrypting the encrypted first set of data.

20. (Currently Amended) ~~A method as claimed in~~The method of claim 19, further comprising ~~the steps of:~~

~~decrypting the encrypted first set of data and downloading the second set of data~~
from the third node to the second node; and
decrypting the encrypted first set of data.

21. (Currently Amended) ~~A method as claimed in~~The method of claim 6, wherein the generating the second set of data is generated ~~performed~~ at a second node.

22. (Currently Amended) ~~A method as claimed in~~The method of claim 6, wherein the encrypting the first set of data is encrypted ~~performed~~ at the second node.

23. (Currently Amended) ~~A method as claimed in~~The method of claim 6, wherein the storing at the first node comprises storing at a first network archive server.

24. (Currently Amended) ~~A method as claimed in~~The method of claim 7, wherein storing at the second node comprises storing at a piece of user equipment.

25. (Currently Amended) ~~A method as claimed in~~The method of claim 8, wherein the storing at the third node comprises storing at a second network archive server.

26. (Currently Amended) ~~A method as claimed in~~The method of claim 24, wherein the storing at the user equipment comprises storing at one of a mobile station, a digital camera, a personal digital assistant, or a personal computer.

27. (Currently Amended) ~~A method as claimed in~~The method of claim 1, wherein the encrypting the first set of data comprises encrypting one of a digital photograph, a picture or a text document, an audio file, or a multimedia message.

28. (Currently Amended) ~~A method as claimed in~~The method of claim 1, wherein the generating the second set of data comprises generating one of a thumbnail image, an extract from an audio file, or a picture of a multimedia message.

29. (Currently Amended) ~~A method as claimed in~~The method of claim 7, wherein further comprising:

creating the first set of data ~~is created by~~ the second node.

30. (Currently Amended) ~~A method as claimed in~~The method of claim 7, wherein further comprising:

receiving the first set of data ~~is received~~ at the second node from a third party.

31. (Currently Amended) ~~A method as claimed in~~The method of claim 7, wherein further comprising:

sending address information₁ of a location at which the encrypted first set of data is stored, and the second set of data ~~are sent~~ to a third party.

32. (Currently Amended) ~~A method as claimed in~~The method of claim 11, wherein further comprising:

storing the address information₁ of the location at which the encrypted first set of data is stored, ~~is stored in~~ the second set of data as a watermark.

33. (Currently Amended) ~~A method as claimed in~~The method of claim 11, wherein the transmitting the address information comprises transmitting the address information ~~of the location at which the encrypted first set of data is stored is derivable from the~~ second set of data.

34. (Currently Amended) A system ~~for encrypting a first set of data~~ comprising:

a generating means for generating unit configured to generate a second set of data representative of the a first set of data; and

an encrypting means for encrypting unit configured to encrypt the first set of data using the second set of data.

35. (Currently Amended) ~~A system according to~~ The system of claim 3334, wherein the encrypting ~~means~~unit is ~~arranged~~configured to encrypt the first set of data by performing a symmetric key based algorithm between the first set of data and the second set of data.

36. (Currently Amended) ~~A system according to~~ The system of claim 3334, wherein the encrypting ~~means~~unit is ~~arranged~~configured to encrypt the first set of data by performing an exclusive OR operation between the first set of data and the second set of data.

37. (Currently Amended) ~~A system as claimed in~~ The system of claims 3334, further comprising:

a first node comprising a storage meansunit configured to store an encrypted first set of data.

38. (Currently Amended) ~~A system as claimed in~~ The system of claim 3637,
further comprising:
a second node comprising a storage meansunit configured to store the second set
of data.

39. (Currently Amended) ~~A system as claimed in~~ The system of claim 3738,
further comprising:
a third node comprising a storage meansunit configured to store the second data.

40. (Currently Amended) ~~A system as claimed in~~ The system of claim 3338,
wherein the second node further comprises said encrypting meansunit.

41. (Currently Amended) ~~A system as claimed in~~ The system of claim 3338,
wherein the second node further comprises a transmitting meansunit configured to
transmit the encrypted first set of data to the first node.

42. (Currently Amended) ~~A system as claimed in~~ The system of claim 3338,
wherein the second node further comprises a capturing meansunit configured to capture
the first set of data.

43. (Currently Amended) ~~A system as claimed in~~ The system of claim 33~~34~~,
further comprising:
~~a decrypting means~~unit for decrypting ~~configured to decrypt~~ the encrypted first set
of data using the second set of data.

44. (Currently Amended) ~~A system as claimed in~~ The system of claim 42~~43~~,
wherein the decrypting ~~means~~unit is configured to decrypt the encrypted first set of data
by performing an exclusive OR operation between the encrypted first set of data and the
second set of data.

45. (Currently Amended) ~~A system as claimed in~~ The system of claim 36~~37~~,
wherein the first node comprises a first network archive server.

46. (Currently Amended) ~~A system as claimed in~~ The system of claim 37~~38~~,
wherein the second node comprises a piece of user equipment.

47. (Currently Amended) ~~A system as claimed in~~ The system of claim 45~~46~~,
wherein the piece of user equipment comprises one of a mobile station, a digital camera,
a personal digital assistant, or a personal computer.

48. (Currently Amended) ~~A system as claimed in~~ The system of claim 3839, wherein the third node comprises a second network server archive.

49. (Currently Amended) ~~A system as claimed in~~ The system of claim 3334, wherein the first set of data comprises one of a digital photograph, a picture or a text document, an audio file, or a multimedia message.

50. (Currently Amended) ~~A system as claimed in~~ The system of claim 3334, wherein the second set of data comprises one of a thumbnail image, an extract from an audio file, or a picture of a multimedia message.

51. (Currently Amended) ~~A system as claimed in~~ The system of claim 3334, wherein the system comprises a single entity.

52. (Currently Amended) ~~A system as claimed in~~ The system of claim 3337, ~~wherein~~ further comprising:

a deletion means unit are provided configured to delete the encrypted first set of data from the first node after the encrypted first set of data has been downloaded.

53. (Currently Amended) ~~A system as claimed in~~ The system of claim 3334, comprising a node for storing the encrypted first set of data.

54. (Currently Amended) ~~A system as claimed in~~ The system of claim 52⁵³,
wherein said node is a network archive server.

55. (New) A system, comprising:
generating means for generating a second set of data representative of a first set of
data; and
encrypting means for encrypting the first set of data using the second set of data.

56. (New) The system of claim 55, wherein the system comprises a single entity.